

1: January weekly reports for the Epiwork project  
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5: Week: 4 to 8 January, 2010.  
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7: Luis Filipe Lopes  
8: Activities in which I have been involved in the past week:  
9: 1- Worked and delivered DCAP's first version.  
10: 2- Started doing the first revision to the DCAP.  
11: 3- Started studying XForms.  
12: 4- Organize what to do next.  
13: Tasks for the next week:  
14: 1- Look into Muradora and Fedora Commons to see how to advance next.  
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16: Patrícia Sousa  
17: Activities in which I have been involved in the past week:  
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19: Tasks for the next week:  
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22: João Zamite  
23: Activities in which I have been involved in the past week:  
24: Implementation of a few services for the MEDCollector.  
25: Tasks for the next week:  
26: Implementation of a service that retrieves information form Twitter to be used in  
the MEDCollector.  
27: -----  
28: Hugo Ferreira  
29: Activities in which I have been involved in the past week:  
30: 1- Download functionality improvement.  
31: 2- Bug detection and correction.  
32: Tasks for the next week:  
33: - Study of security mechanisms to the Mediator.  
34: - Testing the authorization scheme, using .htaccess and .htpasswd  
35: - Evaluation of different security mechanisms  
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39: Week: 11 to 15 January, 2010.  
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41: Luis Filipe Lopes  
42: Activities in which I have been involved in the past week:  
43: 1- Revision of the DCAP's first version.  
44: 2- First look at the Muradora XForms files.  
45: 3- First look at the Fedora Commons API.  
46: 4- First look at JSP.  
47: 5- Try to figure out what to do next.  
48: Tasks for the next week:  
49: 1- Finish studying XForms.  
50: 2- Study JSP.  
51: 3- Deliver new version of the DCAP.  
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53: Patrícia Sousa  
54: Activities in which I have been involved in the past week:  
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56: Tasks for the next week:  
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58: -----  
59: João Zamite  
60: Activities in which I have been involved in the past week:  
61: 1- Implementation of a service that retrieves information form Twitter to be  
used in the MEDCollector.  
62: 2- Exploring the several options to use in MEDCollector's user interface.

63: Tasks for the next week:  
64: Explore several options for MEDCollector's user interface.  
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66: Hugo Ferreira  
67: Activities in which I have been involved in the past week:  
68: 1- Study of security mechanisms to the Mediator.  
69: 2- Testing the authorization scheme, using .htaccess and .htpasswd.  
70: 3- Evaluation of different security mechanisms  
71: Tasks for the next week:  
72: - Study SSL/TLS cryptographic protocols to provide security in the communication between LDAP and the Mediator  
73: - Creation of keystore's, certificate's and keys to test the use of SSL communications.  
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77: Week: 18 to 22 January, 2010.  
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79: Luis Filipe Lopes  
80: Activities in which I have been involved in the past week:  
81: 1- Presented the another version of the DCAP with some changes proposed by myself and others in group discussion.  
82: 2- Finished XForms tutorial.  
83: 3- Continue studying JSP.  
84: 4- Make arrangements to have a virtual machine for experimentation.  
85: 5- Solved some issues with my local machine.  
86: Tasks for the next week:  
87: 1- Finish solving local machine issues.  
88: 2- Study JSP.  
89: 3- Get a virtual machine.  
90: 4- Install Fedora Commons + Muradora for experiments.  
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92: Patrícia Sousa  
93: Activities in which I have been involved in the past week:  
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95: Tasks for the next week:  
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97: -----  
98: João Zamite  
99: Activities in which I have been involved in the past week:  
100: 1- Implementation of several services MEDCollector.  
101: 2- Exploring the several options to use in MEDCollector's user interface. Selected WireIt (<http://javascript.neyric.com/wireit/>).  
102: Tasks for the next week:  
103: Explore several options for MEDCollector's user interface.  
104: -----  
105: Hugo Ferreira  
106: Activities in which I have been involved in the past week:  
107: 1- Study SSL/TLS cryptographic protocols to provide security in the communication between LDAP and the Mediator.  
108: 2- Creation of keystore's, certificate's and keys to test the use of SSL communications.  
109: Tasks for the next week:  
110: - Continue testing the use of SSL to provide security in the communication between LDAP and the Mediator.  
111: - Handle with errors related to SSLHandshake.  
112: - Study SimpleCA in order to create certificates using the Certificate Authority (CA).  
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116: Week: 25 to 29 January, 2010.  
117: -----  
118: Luis Filipe Lopes

119: Activities in which I have been involved in the past week:  
120: 1- Got virtual machine.  
121: 2- Finished solving local machine problems (reinstall SOs).  
122: 3- Install Fedora Commons + Muradora for tests.  
123: 4- First experiments with the Muradora DC form. Changes to XForm and analysis of  
JAVA Classes.  
124: 5- Study Fedora Commons API in more detail.  
125: Tasks for the next week:  
126: 1- Continue installing all the software.  
127: 2- Start changing XForms script.  
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129: Patrícia Sousa  
130: Activities in which I have been involved in the past week:  
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132: Tasks for the next week:  
133: .  
134: -----  
135: João Zamite  
136: Activities in which I have been involved in the past week:  
137: 1- Implementing a WireIt interface for the MEDCollector.  
138: 2- Choosing inputs and outputs for each module used in the interface.  
139: 3- Implementing services used in this interface.  
140: Tasks for the next week:  
141: - Continue the implementation of services.  
142: - Minor interface tweaks.  
143: - Choose a BPEL Open Source Engine.  
144: - Begin designing a JSON-to-BPEL transformation service.  
145: -----  
146: Hugo Ferreira  
147: Activities in which I have been involved in the past week:  
148: 1- Continue testing the use of SSL to provide security in the communication  
between LDAP and the Mediator.  
149: 2- Handle with errors related to SSLHandshake.  
150: 3- Study SimpleCA in order to create certificates using the Certificate  
Authority (CA)  
151: Tasks for the next week:  
152: - Initiate the research about the Open Archives Initiative - Object Reuse and  
Exchange (OAI-ORE) standard.  
153: - Edit my personal page on XLDB's webpage.  
154: - Stabilize the user's authentication in LDAP by SSL.  
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